Agricor, Inc.

Position: Engineering Technologist
Reports To: Project Manager
Status: Exempt - Salaried

Position Summary

The Engineering Technologist assists the Project Manager with all activities related to management, engineering, process, construction, control and operational functions. The position is responsible for the practical application and implementation of designs ranging from major capital expenditures to individual process initiatives. They will apply mechanical and electrical engineering principles and technological skills to contribute to the success and advancements in a corn dry milling operation.

Responsibilities

- Provide engineering and technical support to the Project Manager/Engineer
- Assist in the planning, implementation and evaluation of projects
- Conduct testing, fact gathering and documenting to assist with project feasibility
- Create and interpret engineering sketches, specifications and drawings
- Prepare project specifications, designs and studies
- Assist with the preparation of Request for Information/Quote (RFI, RFQ) project documents
- Assist in equipment and component procurement and receipt
- Create mechanical drawings for process flow and equipment layout
- Create electrical schematics for power distribution, control and automation systems
- Assist in the testing, analysis, support and reporting of engineering solutions
- Assist with the development of automation logic, PLC programming and HMI development
- Maintain records and files for all in-process and completed engineering work
- Address and resolve technological glitches and problems
- Assist with outside engineering/contracting firms to facilitate and implement project activities
- Oversee and schedule mechanical and electrical installation activities
- Provide technical support to other departments regarding design, fabrication, automation, testing and documentation
- Assist Production and Maintenance with both pre/post-production startup requirements; training needs, spare parts list, equipment PM requirements, user manuals, I/O definition, asset creation, special instructions
- Work to ensure required food, safety and construction compliance standards are met
- Adhere with the Change Management program and maintain the new equipment check list
- Participate in customer visits and audits as needed
- Represent GMI professionally at public events, trade shows and industry associations
- Adhere to safe work practices, GMP's, and all company policies and procedures
- Perform other duties of a similar nature as needed
- Carries out project objectives, policies, procedures and performance standards within the boundaries of company policy
Required Knowledge, Skills and Abilities

- Exhibits strong analytical skills
- Excellent problem-solving, decision-making and critical thinking skills
- Understands and interpret a wide range of engineering disciplines and terminology
- Ability to articulate an idea, explain and gain understanding and acceptance
- Ability to work well on a team and interact with multi-disciplinary departments
- Demonstrate and balance both abstract and concrete thinking skills
- Mechanical and Electrical drafting
- Experience with batch and continuous flow processes
- Digital and analog instrumentation
- Able to read and interpret electrical schematics, mechanical drawings, and P&ID’s
- Able to translate design to fabrication
- Control panel layout and design
- PLC Programming
- HMI Development
- Able to formulate and apply logic to control and automation applications
- Pays close attention to details
- Strong organizational skills
- Proficient in Microsoft Office programs; Excel, Word, Outlook, PowerPoint
- Excellent computer and network skills
- Capable of conducting work activities with little or no supervision
- Demonstrated intellectual curiosity and takes initiatives
- Goal oriented and models continuous improvement philosophy
- Good interpersonal skills
- Communicates clearly and effectively
- Strong work ethic

Education and Experience

- Bachelor’s Degree in Mechanical Engineering Technology, Electrical Engineering Technology or Mechatronics Engineering Technology
- Bachelor’s + 0-3 years’ experience in a related field
- Associate’s + 3-5 years’ experience in a related field

Preferred Background and Knowledge

- Previous work experience as an intern or full-time employees
- Background in Agriculture
- Experience in the Milling or Food Processing industry a plus
- Drafting experience (AutoCad)
- Familiarity with Electrical Switchgear, MCCs
- Familiarity with motor control circuits, VFD’s, Soft Starts
- Familiarity with electronics, sensor and instrumentation
- Comfortable performing both mechanical and electrical aspects of a project work
- PLC programming (GE or ControlLogix) and control networks (ProfiNet, Ethernet/IP) experience
- HMI development experience (Rockwell FactoryTalk SE or Cimplicity)
- Proficient with Excel (advanced level)
Work Conditions

- Normal work week consists of Monday – Friday with a 7-8 AM start and a 4-5 PM departure.
- Work in plant, maintenance and office environments
- Requires moderate to strenuous physical activity
- Some project may require after hour, weekend or holiday activity
- May require some Be on call 24 hours/day.
- While performing the duties of this job, the employee is required to frequently inspect the project and may be exposed to varying construction environments, dusty mill conditions and subject to outside weather conditions. Typical noise level in the work environment may range from moderate to loud and hearing protection is required
- Responsible for understanding and adhering to all GMP, food quality and food safety programs

This is a general job description which is not all inclusive. Working conditions, duties, and responsibilities are subject to changing requirements at any time. Management reserves the right to alter this position when conditions merit.
GMI MARION (AGRICOR)

ENGINEERING TECHNOLOGIST

Starting Pay:  $75-85,000/YEAR PLUS BONUS

1. Health and Dental Insurance (Preferred – Annual Medical & Dental Preventive Exam)
   Calendar Deductible $500 Employee, $1,000 - Employee + 1, $1,500 – Family
   Out Of Pocket Maximum $3,000, $4,500, $6,000
   a. Preferred Monthly  Employee Only - $120.00  Emp + 1 - $218.00  Family - $317.00
   b. Non-Preferred Monthly  Employee Only - $143.00  Emp + 1 - $269.00  Family - $385.00

2. 401k Plan, GMI matches the first 4%, 50 cents on the dollar up to an additional 4% or a total of 6.0% max
3. Fifteen days of vacation after a full year. Pro-rated for a partial year.
4. 9 paid holidays a year
5. Short Term Disability Policy, 100% paid by GMI
6. Long Term Disability Policy, 100% paid by GMI
7. $50,000 Life Insurance Policy, 100% paid by GMI
8. FSA Account, up to $500 can be carried over to the following year
9. Eligible For Bonus Plan
10. Annual $100 Work Shoe Allowance (After employee’s 3 month anniversary)
11. Free Work Shirts
12. Christmas Party and Present in most years

My Server Docs/Misc/Agricor HR/Forms